



SEQUENCE LISTING

#6
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<110> ROHAN, MICHAEL

<120> HUMAN AND NON-HUMAN PRIMATE HOMOLOGUES OF NKD PROTEIN,
NUCLEIC ACID SEQUENCES ENCODING, AND USES THEREOF

<130> 014024/0280733

<140> 09/993,966

<141> 2001-11-27

<150> 60/252,884

<151> 2000-11-27

<150> 60/291,109

<151> 2001-05-16

<150> 60/325,571

<151> 2001-10-01

<160> 26

<170> PatentIn Ver. 2.1

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<212> DNA

<213> Homo sapiens

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 <212> PRT
 <213> Homo sapiens

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 Gly Ile Glu Glu Trp Ile Gly Arg Gln Arg Cys Pro Gly Gly Val Ser
 35 40 45
 Gly Pro Arg Gln Leu Arg Leu Ala Gly Thr Ile Gly Arg Ser Thr Arg
 50 55 60
 Glu Leu Val Gly Asp Val Leu Arg Asp Thr Leu Ser Glu Glu Glu Glu
 65 70 75 80

Asp	Asp	Phe	Arg	Leu	Glu	Val	Ala	Leu	Pro	Pro	Glu	Lys	Thr	Asp	Gly	85	90	95
Leu	Gly	Ser	Gly	Asp	Glu	Lys	Lys	Met	Glu	Arg	Val	Ser	Glu	Pro	Cys	100	105	110
Pro	Gly	Ser	Lys	Lys	Gln	Leu	Lys	Phe	Glu	Glu	Leu	Gln	Cys	Asp	Val	115	120	125
Ser	Met	Glu	Glu	Asp	Ser	Arg	Gln	Glu	Trp	Thr	Phe	Thr	Leu	Tyr	Asp	130	135	140
Phe	Asp	Asn	Asn	Gly	Lys	Val	Thr	Arg	Glu	Asp	Ile	Thr	Ser	Leu	Leu	145	150	155
His	Thr	Ile	Tyr	Glu	Val	Val	Asp	Ser	Ser	Val	Asn	His	Ser	Pro	Thr	165	170	175
Ser	Ser	Lys	Met	Leu	Arg	Val	Lys	Leu	Thr	Val	Ala	Pro	Asp	Gly	Ser	180	185	190
Gln	Ser	Lys	Arg	Ser	Val	Leu	Val	Asn	Gln	Ala	Asp	Leu	Gln	Ser	Ala	195	200	205
Arg	Pro	Arg	Ala	Glu	Thr	Lys	Pro	Thr	Glu	Asp	Leu	Arg	Ser	Trp	Glu	210	215	220
Lys	Lys	Gln	Arg	Ala	Pro	Leu	Arg	Phe	Gln	Gly	Asp	Ser	Arg	Leu	Glu	225	230	235
Gln	Ser	Gly	Cys	Tyr	His	His	Cys	Val	Asp	Glu	Asn	Ile	Glu	Arg	Arg	245	250	255
Asn	His	Tyr	Leu	Asp	Leu	Ala	Gly	Ile	Glu	Asn	Tyr	Thr	Ser	Gln	Phe	260	265	270
Gly	Pro	Gly	Ser	Pro	Ser	Val	Ala	Gln	Lys	Ser	Glu	Leu	Pro	Pro	Arg	275	280	285
Thr	Ser	Asn	Pro	Thr	Arg	Ser	Arg	Ser	His	Glu	Pro	Glu	Ala	Ile	His	290	295	300
Ile	Pro	His	Arg	Lys	Pro	Gln	Gly	Val	Asp	Pro	Ala	Ser	Phe	His	Phe	305	310	315
Leu	Asp	Thr	Pro	Ile	Ala	Lys	Val	Ser	Glu	Leu	Gln	Gln	Arg	Leu	Arg	325	330	335
Gly	Thr	Gln	Asp	Gly	Ser	Lys	His	Phe	Val	Arg	Ser	Pro	Lys	Ala	Gln	340	345	350
Gly	Lys	Ser	Val	Gly	Val	Gly	His	Val	Ala	Arg	Gly	Ala	Arg	Asn	Lys	355	360	365
Pro	Pro	Leu	Gly	Pro	Ala	Ile	Pro	Ala	Val	Ser	Pro	Ser	Ala	His	Leu	370	375	380

Ala Ala Ser Pro Ala Leu Leu Pro Ser Leu Ala Pro Leu Gly His Lys
385 390 395 400

Lys His Lys His Arg Ala Lys Glu Ser Gln Gln Gly Cys Arg Gly Leu
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Gln Ala Pro Leu Ala Ser Gly Gly Pro Val Leu Gly Arg Glu His Leu
420 425 430

Arg Glu Leu Pro Ala Leu Val Val Tyr Glu Ser Gln Ala Gly Gln Pro
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Val Gln Arg His Glu His His His His His Glu His His His His Tyr
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His His Phe Tyr Gln Thr
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<211> 471

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<213> Mus sp.

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35 40 45

Gly Pro Arg Gln Leu Arg Leu Ala Gly Thr Val Gly Arg Gly Thr Arg
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Glu Leu Val Gly Asp Thr Ser Arg Glu Ala Leu Gly Glu Glu Asp Glu
65 70 75 80

Asp Asp Phe Pro Leu Glu Val Ala Leu Pro Pro Glu Lys Ile Asp Ser
85 90 95

Leu Gly Ser Gly Asp Glu Lys Arg Met Glu Arg Leu Ser Glu Pro Gly
100 105 110

Gln Ala Ser Lys Lys Gln Leu Lys Phe Glu Glu Leu Gln Cys Asp Val
115 120 125

Ser Val Glu Glu Asp Ser Arg Gln Glu Trp Thr Phe Thr Leu Tyr Asp
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Phe Asp Asn Asn Gly Lys Val Thr Arg Glu Asp Ile Thr Ser Leu Leu
145 150 155 160

His Thr Ile Tyr Glu Val Val Asp Ser Ser Val Asn His Ser Pro Thr
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Ser Ser Lys Thr Leu Arg Val Lys Leu Thr Val Ala Pro Gly Asp Ser
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Gln Ser Lys Arg Ser Val Leu Phe Asn His Thr Asp Leu Gln Ser Thr
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Arg Pro Arg Ala Asp Thr Lys Pro Ala Glu Glu Leu Arg Gly Trp Glu
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Lys Lys Gln Arg Ala Pro Leu Arg Phe Gln Gly Asp Ser His Leu Glu
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Gln Pro Asp Cys Tyr His His Cys Val Asp Glu Asn Ile Glu Arg Arg
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Asn His Tyr Leu Asp Leu Ala Gly Ile Glu Asn Tyr Thr Ser Gln Phe
 260 265 270

Gly Pro Gly Ser Pro Ser Val Ala Gln Lys Ser Glu Leu Pro Pro Arg
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Ile Ser Asn Pro Thr Arg Ser Arg Ser His Glu Pro Glu Ala Ala His
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Ile Pro His Arg Arg Pro Gln Gly Val Asp Pro Gly Ser Phe His Leu
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Leu Asp Thr Pro Phe Ala Lys Ala Ser Glu Leu Gln Gln Arg Leu Arg
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Gly Thr Gln Asp Gly Ser Lys His Phe Val Arg Ser Pro Lys Ala Gln
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Gly Lys Asn Met Gly Met Gly His Gly Ala Arg Gly Ala Arg Ser Lys
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Pro Pro Leu Val Pro Thr Thr His Thr Val Ser Pro Ser Ala His Leu
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Ala Thr Ser Pro Ala Leu Leu Pro Thr Leu Ala Pro Leu Gly His Lys
 385 390 395 400

Lys His Lys His Arg Ala Lys Glu Ser Gln Ala Ser Cys Arg Gly Leu
 405 410 415

Gln Gly Pro Leu Ala Ala Gly Gly Ser Thr Val Met Gly Arg Glu Gln
 420 425 430

Val Arg Glu Leu Pro Ala Val Val Val Tyr Glu Ser Gln Ala Gly Gln
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Tyr His His Phe Tyr Gln Pro
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1401

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<211> 470

<212> PRT

<213> Homo sapiens

<400> 7

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  35              40              45

Gly Pro Arg Gln Leu Arg Leu Ala Gly Thr Ile Gly Arg Ser Thr Arg
  50              55              60

Glu Leu Val Gly Asp Val Leu Arg Asp Thr Leu Ser Glu Glu Glu Glu
  65              70              75              80

Asp Asp Phe Arg Leu Glu Val Ala Leu Pro Pro Glu Lys Thr Asp Gly
          85              90              95

Leu Gly Ser Gly Asp Glu Lys Lys Met Glu Arg Val Ser Glu Pro Cys
  100              105              110

Pro Gly Ser Lys Lys Gln Leu Lys Phe Glu Glu Leu Gln Cys Asp Val
  115              120              125

Ser Met Glu Glu Asp Ser Arg Gln Glu Trp Thr Phe Thr Leu Tyr Asp
  130              135              140

Phe Asp Asn Asn Gly Lys Val Thr Arg Glu Asp Ile Thr Ser Leu Leu
  145              150              155              160

His Thr Ile Tyr Glu Val Val Asp Ser Ser Val Asn His Ser Pro Thr
          165              170              175

Ser Ser Lys Met Leu Arg Val Lys Leu Thr Val Ala Pro Asp Gly Ser
          180              185              190

Gln Ser Lys Arg Ser Val Leu Val Asn Gln Ala Asp Leu Gln Ser Ala
  195              200              205

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 Lys Lys Gln Arg Ala Pro Leu Arg Phe Gln Gly Asp Ser Arg Leu Glu
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 Gln Ser Gly Cys Tyr His His Cys Val Asp Glu Asn Ile Glu Arg Arg
 245 250 255
 Asn His Tyr Leu Asp Leu Ala Gly Ile Glu Asn Tyr Thr Ser Gln Phe
 260 265 270
 Gly Pro Gly Ser Pro Ser Val Ala Gln Lys Ser Glu Leu Pro Pro Arg
 275 280 285
 Thr Ser Asn Pro Thr Arg Ser Arg Ser His Glu Pro Glu Ala Ile His
 290 295 300
 Ile Pro His Arg Lys Pro Gln Gly Val Asp Pro Ala Ser Phe His Phe
 305 310 315 320
 Leu Asp Thr Pro Ile Ala Lys Val Ser Glu Leu Gln Gln Arg Leu Arg
 325 330 335
 Gly Thr Gln Asp Gly Ser Lys His Phe Val Arg Ser Pro Lys Ala Gln
 340 345 350
 Gly Lys Ser Val Gly Val Gly His Val Ala Arg Gly Ala Arg Asn Lys
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 Ala Ala Ser Pro Ala Leu Leu Pro Ser Leu Ala Pro Leu Gly His Lys
 385 390 395 400
 Lys His Lys His Arg Ala Lys Glu Ser Gln Gln Gly Cys Arg Gly Leu
 405 410 415
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 420 425 430
 Arg Glu Leu Pro Ala Leu Val Val Tyr Glu Ser Gln Ala Gly Gln Pro
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<212> PRT

<213> Mus sp.

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 65 70 75 80
 Asp Asp Phe Pro Leu Glu Val Ala Leu Pro Pro Glu Lys Ile Asp Ser
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 Leu Gly Ser Gly Asp Glu Lys Arg Met Glu Arg Leu Ser Glu Pro Gly
 100 105 110
 Gln Ala Ser Lys Lys Gln Leu Lys Phe Glu Glu Leu Gln Cys Asp Val
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 His Thr Ile Tyr Glu Val Val Asp Ser Ser Val Asn His Ser Pro Thr
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 Gln Ser Lys Arg Ser Val Leu Phe Asn His Thr Asp Leu Gln Ser Thr
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 Lys Lys Gln Arg Ala Pro Leu Arg Phe Gln Gly Asp Ser His Leu Glu
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 Asn His Tyr Leu Asp Leu Ala Gly Ile Glu Asn Tyr Thr Ser Gln Phe
 260 265 270
 Gly Pro Gly Ser Pro Ser Val Ala Gln Lys Ser Glu Leu Pro Pro Arg
 275 280 285
 Ile Ser Asn Pro Thr Arg Ser Arg Ser His Glu Pro Glu Ala Ala His
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Ile Pro His Arg Arg Pro Gln Gly Val Asp Pro Gly Ser Phe His Leu
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Leu Asp Thr Pro Phe Ala Lys Ala Ser Glu Leu Gln Gln Arg Leu Arg
 325 330 335

Gly Thr Gln Asp Gly Ser Lys His Phe Val Arg Ser Pro Lys Ala Gln
 340 345 350

Gly Lys Asn Met Gly Met Gly His Gly Ala Arg Gly Ala Arg Ser Lys
 355 360 365

Pro Pro Leu Val Pro Thr Thr His Thr Val Ser Pro Ser Ala His Leu
 370 375 380

Ala Thr Ser Pro Ala Leu Leu Pro Thr Leu Ala Pro Leu Gly His Lys
 385 390 395 400

Lys His Lys His Arg Ala Lys Glu Ser Gln Ala Ser Cys Arg Gly Leu
 405 410 415

Gln Gly Pro Leu Ala Ala Gly Gly Ser Thr Val Met Gly Arg Glu Gln
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Val Arg Glu Leu Pro Ala Val Val Val Tyr Glu Ser Gln Ala Gly Gln
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Tyr His His Phe Tyr Gln Pro
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